

# Understand

## Pan European training program for electricity transmission security management

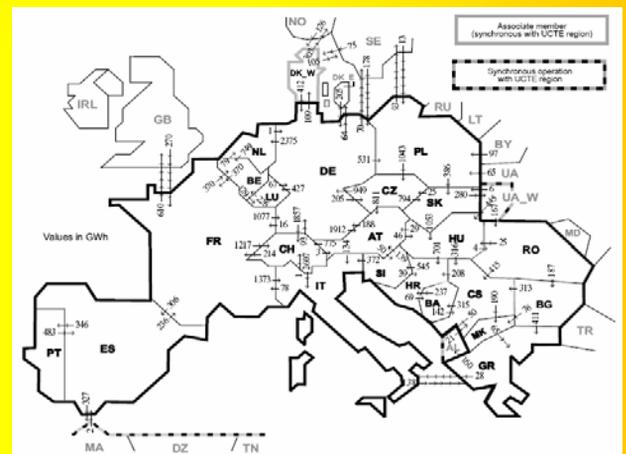
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« The lights always on »



UNDERSTAND is a pilot project born from the need to have a European policy concerning the electricity transmission security

As major part of European countries send and receive energy in significant volumes, any failure anywhere can cause a domino effect leading to a large blackout involving several countries and so tens of millions of inhabitants. The damaging consequences of a black-out (telephone networks, bank services,...) imply to create a Training Program, in order to build and maintain the competence of the selected emergency planners and emergency operators in European energy supply security management. This will help to integrate each national technical know-how in a common European base of knowledge.



Physical flows of energy in the UCTE system in December 2006

### The Training Program: 5 stand-alone but interconnected modules



A short document which target is to describe the other modules in different terms, to enhance the global comprehension

To start the training program with a good technical base. It consists in reading the white paper about UNDERSTAND, studying the good practice examples, and having a self-assessment for organizations.

Focuses on individual skills, awareness, and understanding of theory and practice in the area of crisis management, on 11 areas such as risk analysis, incident identification, leadership, communication technologies...

Training made of 9 sessions structured on this way: theory, case study, discussion points, short summary. Topics of the 9 sessions are indicated below:

I. When the Unforeseen Happens	II. Incident Preparedness	III. Preparatory Measures
IV. Immediate Actions	V. Managing the Incident	VI. Communication Management
VII. Human Resources Management	VIII. Recovery and Return	IX. International crisis management and industry organisations

A list of 95 terms, including definitions, based on current standards such as ISO guide 73:2002, ISO/PAS 22399:2007 and TSO reference material will be explained

#### Partners of the project:

Swedish Energy Agency – Sweden, SecLink Ltd – Sweden, VSB Technical University of Ostrava – Czech Republic, Chatham House – United Kingdom, ABC Dialog – Denmark, Lithuanian Energy Institute – Lithuania, Link Consulting sas – Italy, KCEM Ltd – Sweden, University of Zilina – Slovakia, The National Emergency Supply Agency - Finland

